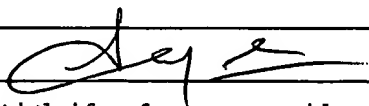


Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 7-80)										Atty. Docket No. PHA 23,780		Serial No. 09/414,454			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)										Applicant RAMASWAMY					
										Filing Date October 7, 1999		Group 2176			
U.S. PATENT DOCUMENTS															
Ex. Int.		Document Number							Date	Name	Class	Sub- class	Filing Date If Approp.		
	AA	5	9	3	0	4	7	4	7/27/99	DUNWORTH ET AL	395	200			
	AB	5	8	9	3	0	9	3	4/6/99	WILLS	707	5			
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OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)															
	AL	"Geospatial Metadata Querying and Visualization on the WWW Using Java4™ Applets" by Alper et al, Information Visualization '96, Proceedings IEEE Symposium, 0- 8186-7668-X													
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